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APPLICATION NO. FILING DATE 09/924,318 08/08/2001		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO. 3592	
		Heemyong Park	FIS920000404US1		
30743	7590	06/23/2003			
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SUITE 340		LS KOAD	TRAN, BINH X		
RESTON, VA 20190				ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE £ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Eatheristors for them may be available under the provisions of 3° CFR 1.15(d). In or event, however, may a reply be timely filed Eatheristors for many be available under the provisions of 3° CFR 1.15(d). In or event, however, may a reply be timely filed Eatheristor for reply is specified above is listed than theirty (30) days, a reply whilin the statutory minimum of thinly (30) days will be considered timely. If the period for reply septime the set or extended period for reply will, by statutory minimum or thinly (30) days will be considered timely. If the period for reply septime the set of extended period for reply will, by statistic cause the application to become ABANONED (35) U.S. (5, 113). Responsive to communication(s) filed on <i>QB August 2001</i> 1) Responsive to communication(s) filed on <i>QB August 2001</i> 2a] This action is FINAL 2b] This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-7 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are allowed. 6) Claim(s) is/are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is/are: a) approved by dispersive the propriodic drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120 13) Acknowledgment is made of a claim for foreign priori	1		•					
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— The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Expensions of them mylb a availation under the provisions of 37 CFR 1.73(a). In no event, however, may a right be timely filed Expensions of them mylb as availation under the provisions of 37 CFR 1.73(a). In no event, however, may a right be timely filed If the period for right specified above is less han thirty (30) days, a upp within the stability minimum of thirty (30) days will be considered filed. If the period for right specified source, he nanimum stationy period via graph and via ergies 81(b). MONTHS from the miling date of this communication. False to highly within the sation communication (S) GPR 1.73(a). Status 1) □ Responsive to communication(s) filed on @B August 2001. 2a) □ This action is FINAL. 2b) □ This action is non-final. 3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex partie Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) ½ Islare pending in the application. 4a) Of the above claim(s) islare allowed. 5) □ Claim(s) islare allowed. 6) □ Claim(s) islare rejected. 7) □ Claim(s) islare rejected to by the Examiner. Application Papers 9) □ The specification is objected to by the Examiner. Application Papers 9) □ The drawing(s) filed on islare: a) □ accepted or b) □ objected to by the Examiner. If approved, corrected drawings are required in reply to this Office action. 10) □ The proposed drawing correction filed on islare: a) □ approved b) □ disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 10) □ All b) □ Some * c) □ None of: 1 □ Certified copies of the priority documents have been received in Application No. □ □ Certified copies of the priority documents	Office Action Summary	Examiner	Art Unit					
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Art Unit: 1765

DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-4, drawn to process, classified in class 438, subclass 700.
 - II. Claims 5-7, drawn to product, classified in class 257, subclass 204.
- 2. The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the product as claimed can be made by another and materially different process such as using a process without the step of growing the boron doped amorphous silicon.

- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.
- 4. A telephone call was made to McGuire Woods on 06-16-2003 to request an oral election to the above restriction requirement, but did not result in an election being made.

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5. Applicant is advised that the reply to this requirement to be complete must

include an election of the invention to be examined even though the requirement be

traversed (37 CFR 1.143).

6. Applicant is reminded that upon the cancellation of claims to a non-elected

invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one

or more of the currently named inventors is no longer an inventor of at least one claim

remaining in the application. Any amendment of inventorship must be accompanied by

a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

7. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Binh X Tran whose telephone number is (703) 308-

1867. The examiner can normally be reached on Monday-Thursday and every other

Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Benjamin L Utech can be reached on (703) 308-3836. The fax phone

numbers for the organization where this application or proceeding is assigned are (703)

872-9310 for regular communications and (703) 872-9311 for After Final

communications.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is (703) 308-

0661.

BENJAMIN L. UTECH SUPERVISORY PATENT EXAMINER

my the

TECHNOLOGY CENTER 1700

Binh X. Tran June 19, 2003